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Sir:

The undersigned, Nokia Networks Oy, is the assignee of the entire right, title and interest of the issued U.S. patents and pending patent applications identified in the attached appendix, by virtue of properly recorded assignment, from the inventors. The Assignments were recorded in the United States Patent & Trademark Office the reel and frame numbers as indicated. The assignee, through the undersigned representative, hereby revokes any and all powers of attorney heretofore granted and hereby appoints the firm of:



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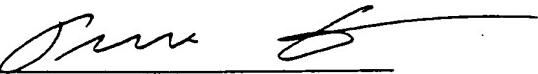
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as attorneys to prosecute the applications and to transact all business in the Patent and Trademark Office connected therewith, and with the issued patents. It is respectfully requested that the records of the United States Patent & Trademark Office be updated to reflect this information, and that all correspondence be sent to the address indicated above.

NOKIA NETWORKS OY

Date: 21.2.2003

By:   
(Signature)

Tommi Lehtinen  
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IIP Manager  
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APPENDIX

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6028200005	Nokia Networks OY	09/423,373	04-Feb-2000			010600/0598	09-Feb-2000
6028200006	Nokia Networks OY	09/753,483	03-Jan-2001			011669/0093	30-Mar-2001
6028200007	Nokia Networks OY	09/567,146	09-May-2000			011066/0123	28-Aug-2000
6028200008	Nokia Networks OY	09/602,374	23-Jun-2000			011139/0863	25-Sep-2000
6028200009	Nokia Networks OY	09/606,481	29-Jun-2000			011244/0702	13-Nov-2000
6028200010	Nokia Networks OY	09/607,072	29-Jun-2000			011311/0425	16-Nov-2000
6028200011	Nokia Networks OY	09/608,667	30-Jun-2000			011172/0193	10-Oct-2000
6028200012	Nokia Networks OY	09/608,945	30-Jun-2000			011315/0068	20-Nov-2000
6028200013	Nokia Networks OY	09/627,684	28-Jul-2000			011244/0712	13-Nov-2000
6028200014	Nokia Networks OY	09/688,627	16-Oct-2000			011779/0447	07-May-2001
6028200015	Nokia Networks OY	09/699,064	27-Oct-2000			011504/0930	06-Feb-2001
6028200016	Nokia Networks OY	09/741,135	18-Dec-2000			011746/0058	26-Apr-2001
6028200017	Nokia Networks OY	09/716,711	20-Nov-2000			011690/0418	06-Apr-2001
6028200018	Nokia Networks OY	09/717,535	21-Nov-2000			011727/0337	16-Apr-2001
6028200019	Nokia Networks OY	09/734,070	11-Dec-2000			011651/0746	22-Mar-2001
6028200020	Nokia Networks OY	09/748,505	26-Dec-2000			011690/0190	04-Apr-2001
6028200021	Nokia Networks OY	09/751,036	28-Dec-2000			011690/0200	06-Apr-2001
6028200022	Nokia Networks OY	09/792,499	23-Feb-2001			011818/0100	15-May-2001
6028200023	Nokia Networks OY	09/792,611	23-Feb-2001			011818/0003	15-May-2001
6028200024	Nokia Networks OY	09/824,938	03-Apr-2001			011940/0900	02-Jul-2001
6028200025	Nokia Networks OY	09/824,939	03-Apr-2001			011933/0169	29-Jun-2001
6028200026	Nokia Networks OY	09/825,898	04-Apr-2001			011980/0472	13-Jul-2001
6028200027	Nokia Networks OY	09/840,410	23-Apr-2001			012013/0448	27-Jul-2001

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6028200030	Nokia Networks OY	09/846,987	01-May-2001		01/2063/0779	09-Aug-2001
6028200031	Nokia Networks OY	09/848,751	01-May-2001		01/115/0141	27-Aug-2001
6028200032	Nokia Networks OY	09/860,190	17-May-2001		01/2139/0896	07-Sep-2001
6028200033	Nokia Networks OY	09/862,127	21-May-2001		01/2126/0362	31-Aug-2001
6028200034	Nokia Networks OY	09/862,715	22-May-2001		01/2118/0619	30-Aug-2001
6028200036	Nokia Networks OY	09/876,462	07-Jun-2001	6,493,564	10-Dec-2002	01/2267/0795
6028200037	Nokia Networks OY	09/876,562	07-Jun-2001		01/2392/0045	26-Dec-2001
6028200038	Nokia Networks OY	09/888,660	25-Jun-2001		01/2799/0463	02-Apr-2002
6028200039	Nokia Networks OY	09/893,028	27-Jun-2001		01/2389/0384	26-Dec-2001
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6028200042	Nokia Networks OY	09/903,901	12-Jul-2001		01/2398/0975	27-Dec-2001
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6028200046	Nokia Networks OY	09/911,219	23-Jul-2001		01/2408/0257	31-Dec-2001
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6028200049	Nokia Networks OY	09/947,677	06-Sep-2001		01/2489/0657	14-Jan-2002
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6028200051	Nokia Networks OY	09/949,949	10-Sep-2001		01/2457/0738	09-Jan-2002
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6028200055	Nokia Networks OY	09/970,757	03-Oct-2001		01/2675/0714	06-Mar-2002
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6028200058	Nokia Networks OY	09/978,431	15-Oct-2001		01/2456/0473	09-Jan-2002
6028200059	Nokia Networks OY	09/999,569	01-Nov-2001		01/2558/0521	30-Jan-2002
6028200060	Nokia Networks OY	10/000,242	18-Oct-2001		01/2561/0125	28-Jan-2002
6028200062	Nokia Networks OY	10/002,242	23-Oct-2001		01/2566/0175	28-Jan-2002
6028200063	Nokia Networks OY	10/008,783	13-Nov-2001		01/2602/0196	11-Feb-2002
6028200064	Nokia Networks OY	10/013,098	06-Nov-2001		01/2624/0434	19-Feb-2002
6028200070	Nokia Networks OY	09/549,102	12-Apr-2000		01/1053/0893	22-Aug-2000

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